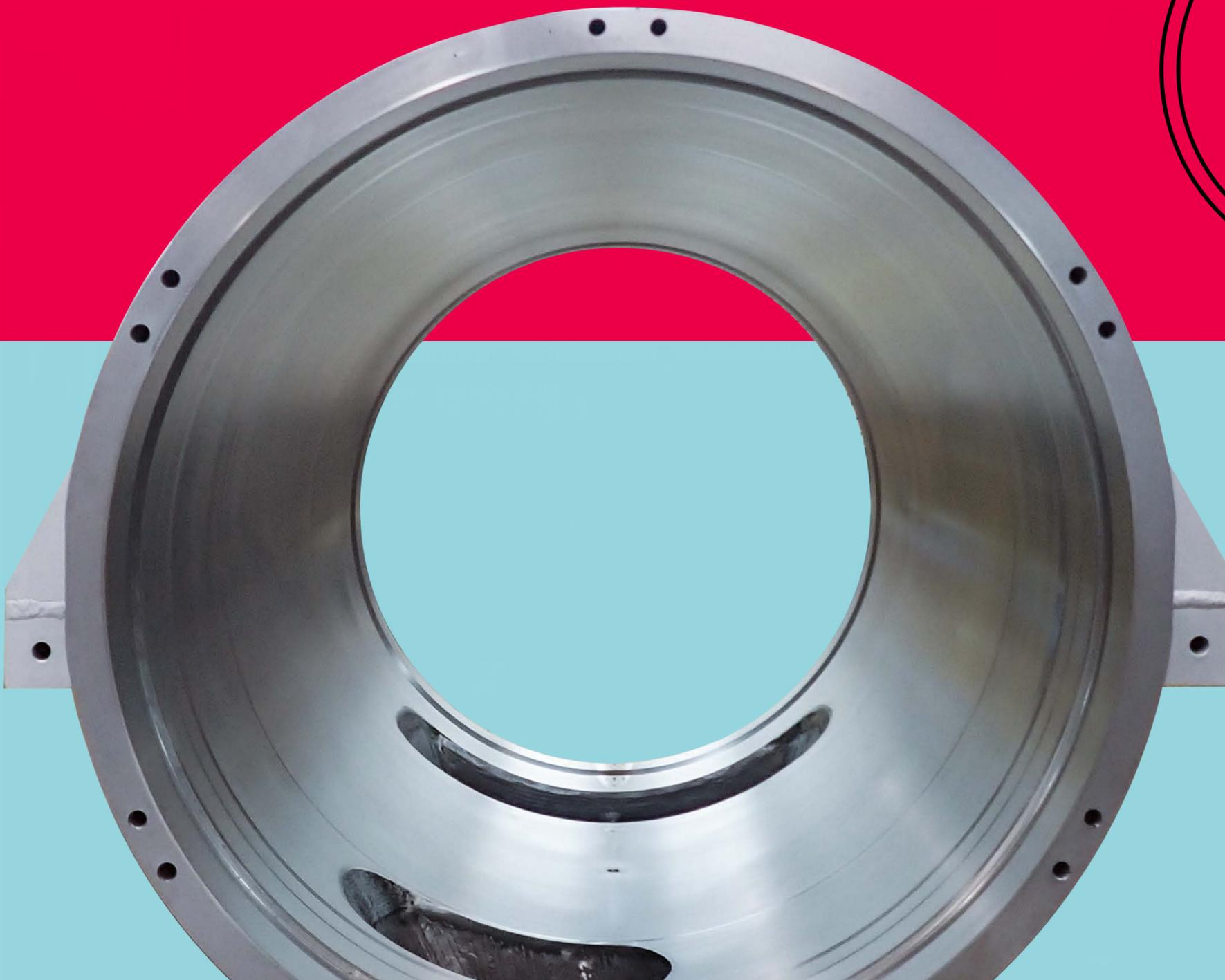
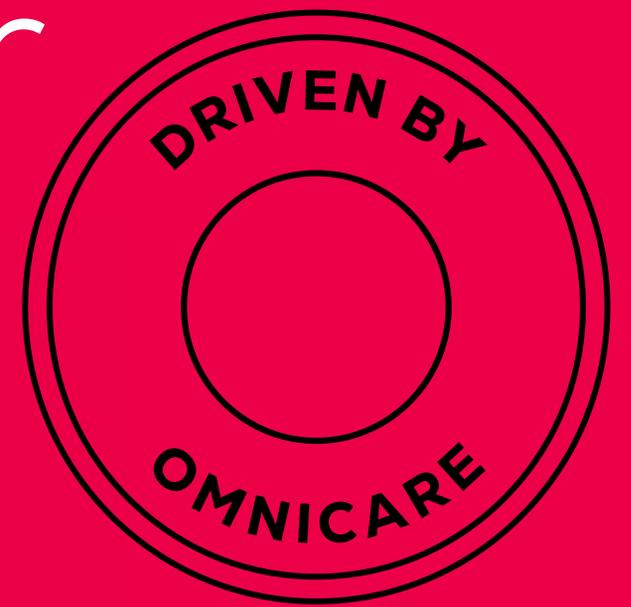


Everllence

PrimeServ OMNICARE

Precision repair for Dresser-Rand barrel compressor





Project

Advanced repair of compressor barrel bore

OEM

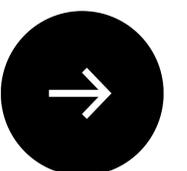
Dresser-Rand

Machinery

Steam turbine driven tail gas barrel compressor

Workshop

Vanderbijlpark, South Africa



Overview

Challenge

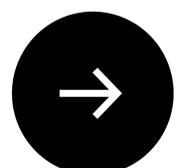
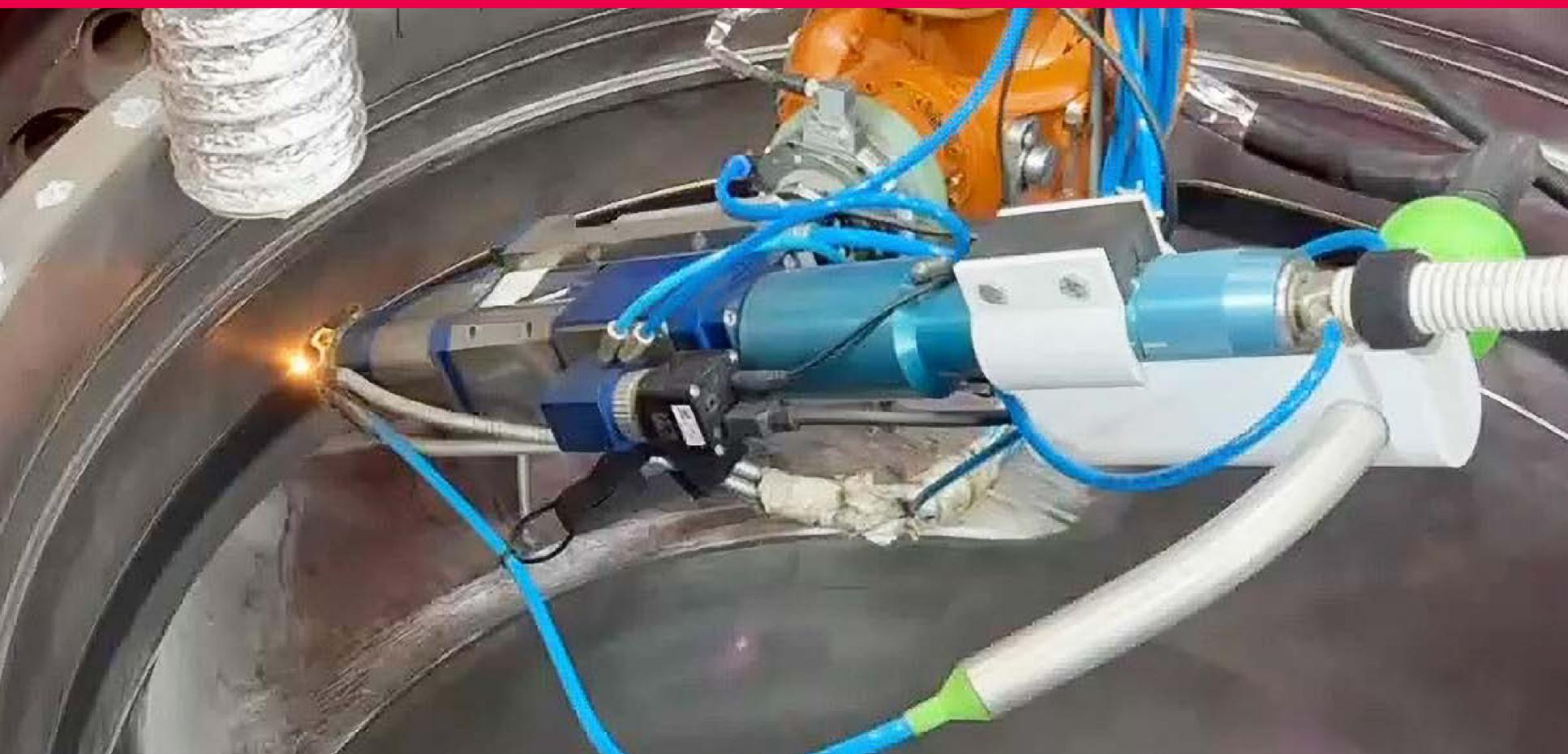
Cracks in casing and inlet nozzle, corrosion

Services

Reverse engineering and component restoration

Scope of work

- Casing pre-machining
- Laser welding of inner side of casing
- Final machining according to OEM specification
- Inlet and discharge nozzles (stainless cladded)



Outcome

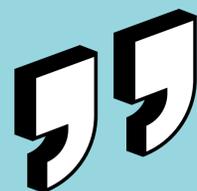
Customer benefit

- Locally engineered solution close to operations
- Minimal downtime
- Increased resistance to gas flow medium



before

after



The project's standout success was restoring full compressor functionality with minimal downtime while reducing costs by up to 80%.



Your one-stop service



PrimeServ OMNICARE